

# Ziad Mohamed Sheashaa

Ismailia, Egypt | [ziadmohamedgamal25@gmail.com](mailto:ziadmohamedgamal25@gmail.com) | +20 120 481 7795 | [Portfolio](#) | [LinkedIn](#) | [GitHub](#)

## Summary

Passionate and detail-oriented Computer Engineering student with hands-on experience in AI, machine learning, and data analysis. Skilled in C++, Python, data structures, algorithms, and OOP, with strong debugging and problem-solving abilities. Eager to contribute to innovative projects and expand expertise in multimedia protocols and GUI toolkits.

## Education

**Suez Canal University**, BE in Computer Engineering June 2022 – June 2026

- Coursework: Computer Architecture, Data Structure & Algorithms , Electric Circuits, Logic Circuits

## Courses

**Software Engineering Course**, Robotics Corner Aug 2024 – Dec 2024

- Linux • C++ (Data Structures, OOP) • SOLID Principles • Design Patterns
- Problem Solving • Git & GitHub • Makefile & CMake
- Graduation Project: Cascade Classifier using C++ and Qt

**HCIA-AI Certification**, Huawei Jan 2023

**Deep Learning: Dive into Computer Vision**, E.Camp Jul 2024 – Aug 2024

**Machine Learning Course**, E.Camp Feb 2024 – Mar 2024

**Artificial Intelligence Training**, ITI Jul 2024 – Aug 2024

**Artificial Intelligence Course**, Zewail City of Science and Technology Aug 2023 – Nov 2023

## Experience

**AI Technical Member**, SCU IEEE Oct 2023 – Present

- Contributed to technical projects and workshops in computer engineering, software development, and Machine Learning
- Developed a Recommendation System using Python, HTML/CSS/JS, MongoDB, and unsupervised ML algorithms
- Mentored new members in AI algorithms and data analysis methodologies

**Autonomous Driving Member**, SCU Racing Team Mar 2024 – Oct 2024

- Build Autonomous Driving System
- Participated in EVER Gen 5th competition for electric cars

**Autonomous Driving Software Team Leader**, SCU Racing Team Oct 2024 – Present

- Developing a training program for the upcoming EVER competition

**Vice Leader**, Microsoft Student Community Mar 2025 – Present

- Developing an AI training program for students

## Certifications

---

- Machine Learning Certificate – Engineering Camp (Mar 2024)
- Career Essentials in Generative AI – Microsoft & LinkedIn (Nov 2023)
- AI International Certificate – Zewail City (Nov 2023)
- HCIA-AI – Huawei (Jan 2023)
- ITI Certification in ML, DL, CN, NLP, Data Analysis (July 2024)
- Embedded Systems AVR Bootcamp – IEEE (Apr 2023)
- Clean Code Workshop – Creativa Innovation Hub
- ECPC 2023 – ICPC Programming Contest

## Skills

---

- **Languages:** Python, C++ , C, HTML, Java Script
- **Tools:** Linux (Ubuntu/Kali), ROS, Git, Qt, MongoDB
- **ML/DL:** Scikit-learn, TensorFlow, Keras, PyTorch
- **Data Analysis:** Pandas, NumPy, Matplotlib, SQL
- **Soft:** Team Work, Leadership, Presenting, Multi tasking, Communication
- **Other:** Problem Solving, Design Patterns, SOLID Principles

## Languages

---

- Arabic – Native
- English – Intermediate